

## ABSTRACT

A preform overladding device is provided. The preform overladding device includes an injector for providing particles having a predetermined material, and a preheater for preheating the particles provided by the injector. The preform overladding device also includes a heater for heating and depositing onto a preform the particles preheated by the preheater.

F:\Gellenthien\Process for Online Spheroidization of Quartz1.doc